

FIG 1

09911216.072301



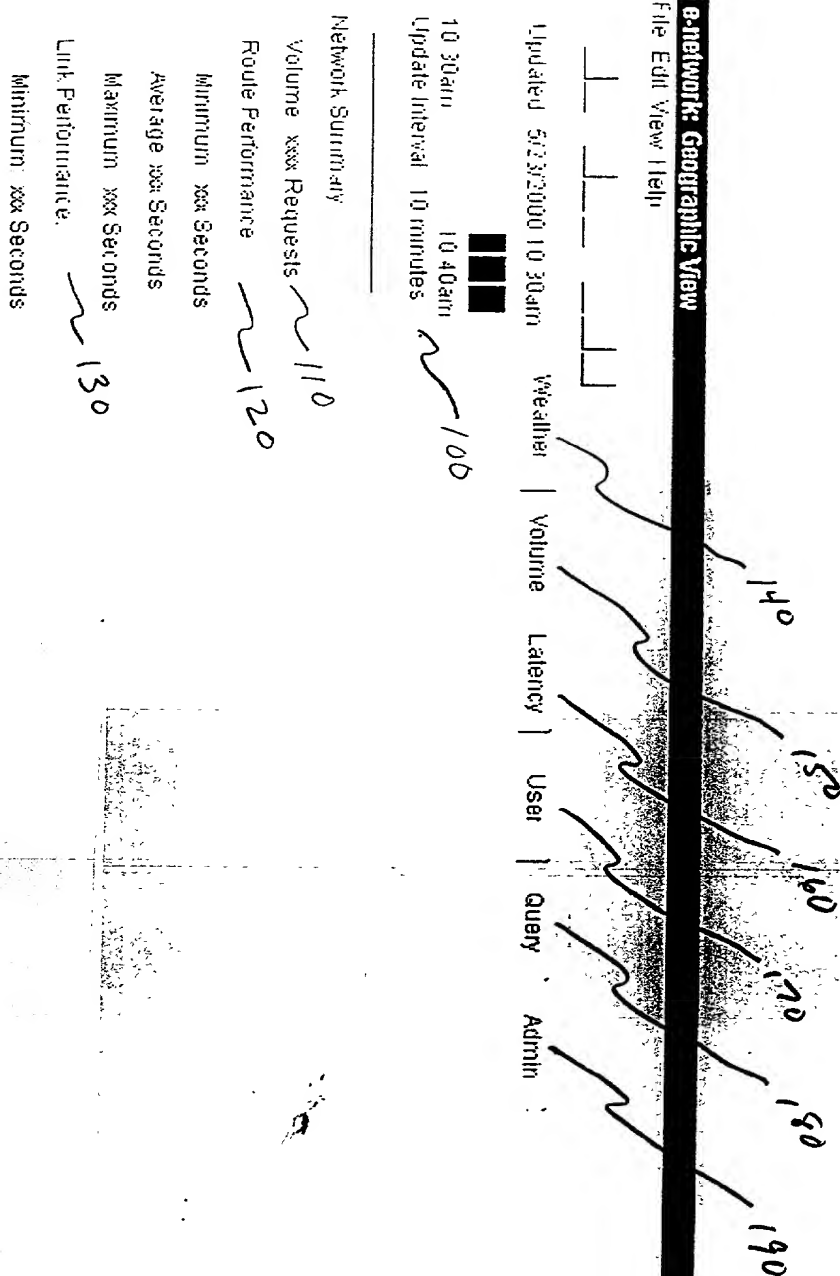


Fig 3

099442161072304

METHOD OF BACKTRACING NETWORK PERFORMANCE

e-network: Geographic View  
File Edit View Help

Updated: 5/23/2000 10:30am

10:30am 10:40am

Update Interval: 10 minutes

Network Summary:

Volume: xxx Requests

Route Performance:

Minimum: xxx Seconds

Average: xxx Seconds

Maximum: xxx Seconds

Link Performance:

Minimum: xxx Seconds

Average: xxx Seconds

Maximum: xxx Seconds

Hot Spots:

Slowest Link:

hhh.iii.kkk: nnnn ms

Worst Performing Route:

hhh.iii.kkk: nnnn ms

Worst User Performance:

hhh.iii.kkk: nnnn ms

Highest Volume User:

hhh.iii.kkk: nnnn ms

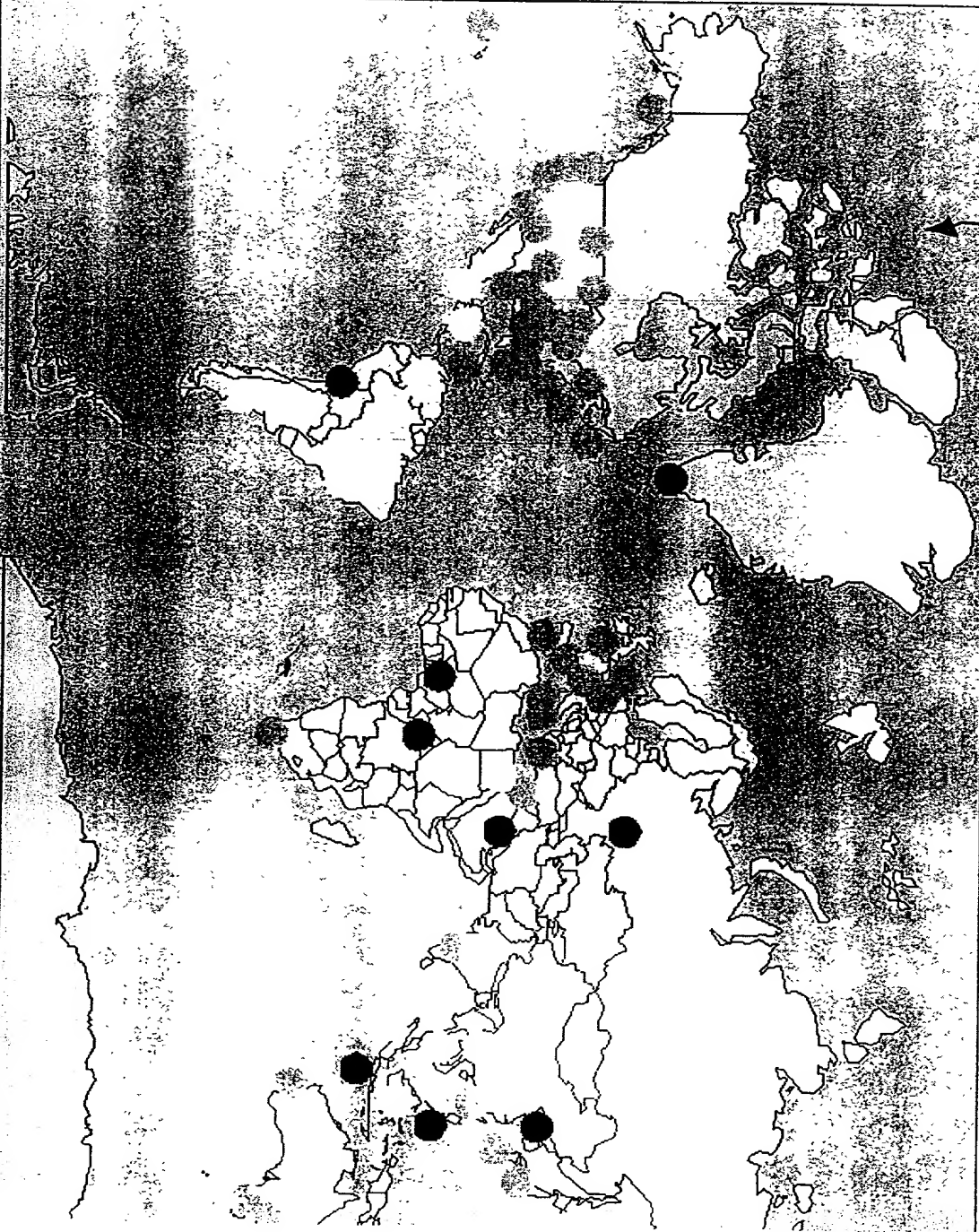
Weather | Volume | Latency | User | Query | Admin

200

Fig 4

Geographical View

Transitional View



## METHOD OF BACKTRACING NETWORK PERFORMANCE

File Edit View Help

Fig 5

Updated 5/23/2000 10:30am									
<div>10:30am10:40am</div> <div>Update Interval: 10 minutes</div>									
Network Summary:									
Volume: xxx Requests									
Route Performance:									
Minimum: xxx Seconds									
Average: xxx Seconds									
Maximum: xxx Seconds									
Link Performance:									
Minimum: xxx Seconds									
Average: xxx Seconds									
Maximum: xxx Seconds									
Hot Spots:									
Slowest Link:									
hhhhlljjjkkk nnnn ms									
Worst Performing Route:									
hhhhlljjjkkk nnnn ms									
Worst User Performance:									
hhhhlljjjkkk nnnn ms									
Highest Volume User:									
hhhhlljjjkkk nnnn ms									
Geographic View									
Columbus									
Weather	Volume	Latency	User	Query	Admin	Min Latency	Average Latency	Max Latency	
Router Domain		# Child Blocks		# Measurements					
Washington, DC		17		175			186		
New York City		14		140			243		
San Francisco		12		152			247		
Chicago		11		98			253		
Atlanta		10		72			374		
Boston		10		106			259		
Dallas		8		84			380		
Austin		8		78			494		
Seattle		6		67			382		
London		6		45			682		
Miami		6		54			346		
Tokyo		6		32			1351		
Los Angeles		5		47			341		
Hong Kong		5		63			2542		
Houston		5		35			231		
Paris		5		52			632		
Taipei		4		37			2374		
Tampa		4		42			296		
Philadelphia		3		24			342		
St Louis		3		36			213		
Rome		3		23			879		
Tel Aviv		3		29			754		
Memphis		2		24			311		
Columbus		2		12			272		

[illegible]

## METHOD OF BACKTRACING NETWORK PERFORMANCE

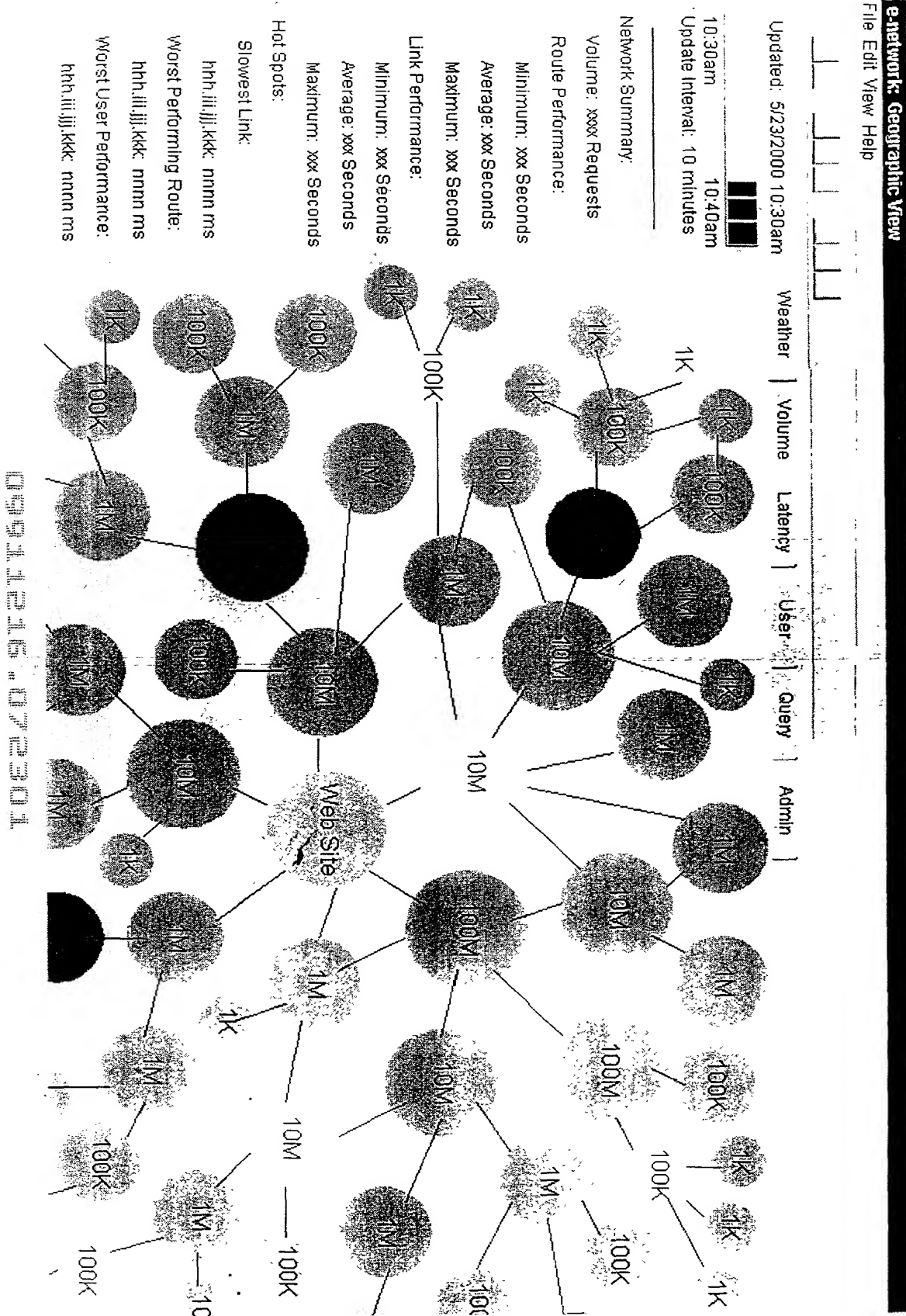


Fig 6



Fig 7

e-network: Geographic View

File Edit View Help

Updated: 5/23/2000 10:30am

Weather

Volume

Latency

User

Query

Admin

10:30am 10:40am

Update Interval: 10 minutes

Network Summary:

Volume: xxx Requests

Route Performance:

Minimum: xxx Seconds

Average: xxx Seconds

Maximum: xxx Seconds

Link Performance:

Minimum: xxx Seconds

Average: xxx Seconds

Maximum: xxx Seconds

Hot Spots:

Slowest Link

hhh.iii.jjj.kkk: nnnn ms

Worst Performing Route:

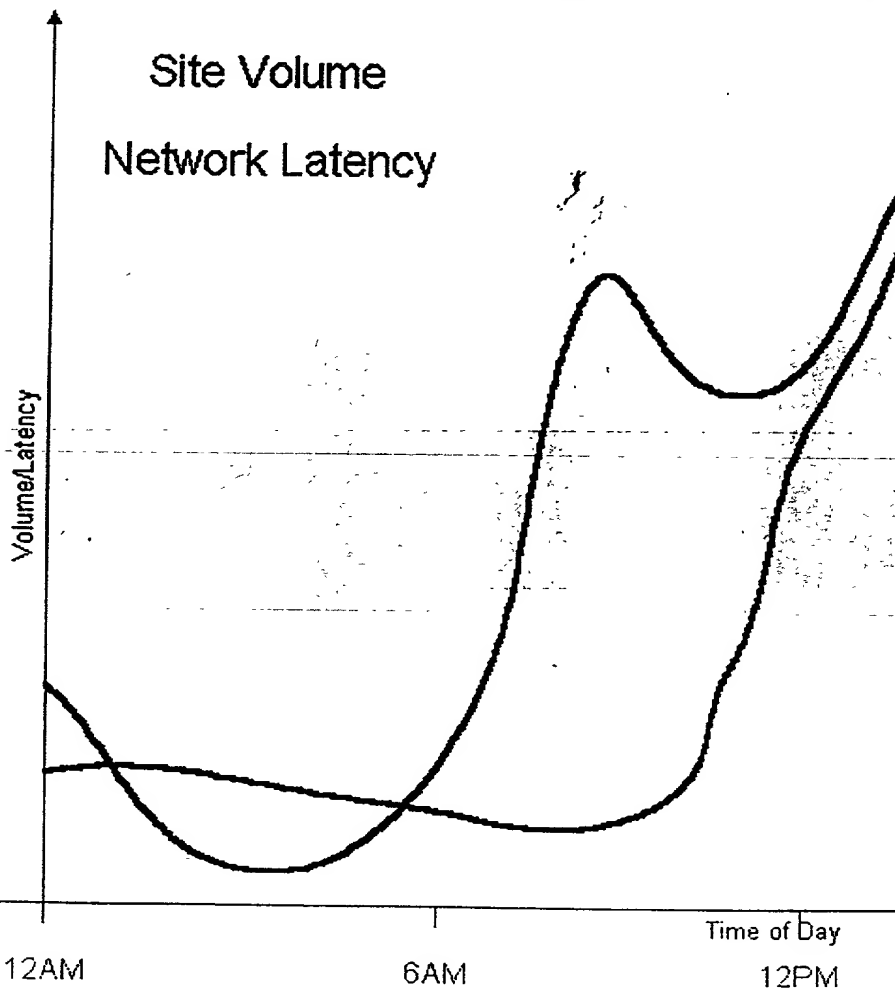
hhh.iii.jjj.kkk: nnnn ms

Worst User Performance:

hhh.iii.jjj.kkk: nnnn ms

Highest Volume User:

hhh.iii.jjj.kkk: nnnn ms



Geographic View

Topographic View

Network over Time

List View

Start Date: 5/23/2000

Play

Start Time: 10:30am

Pause

12AM

6AM

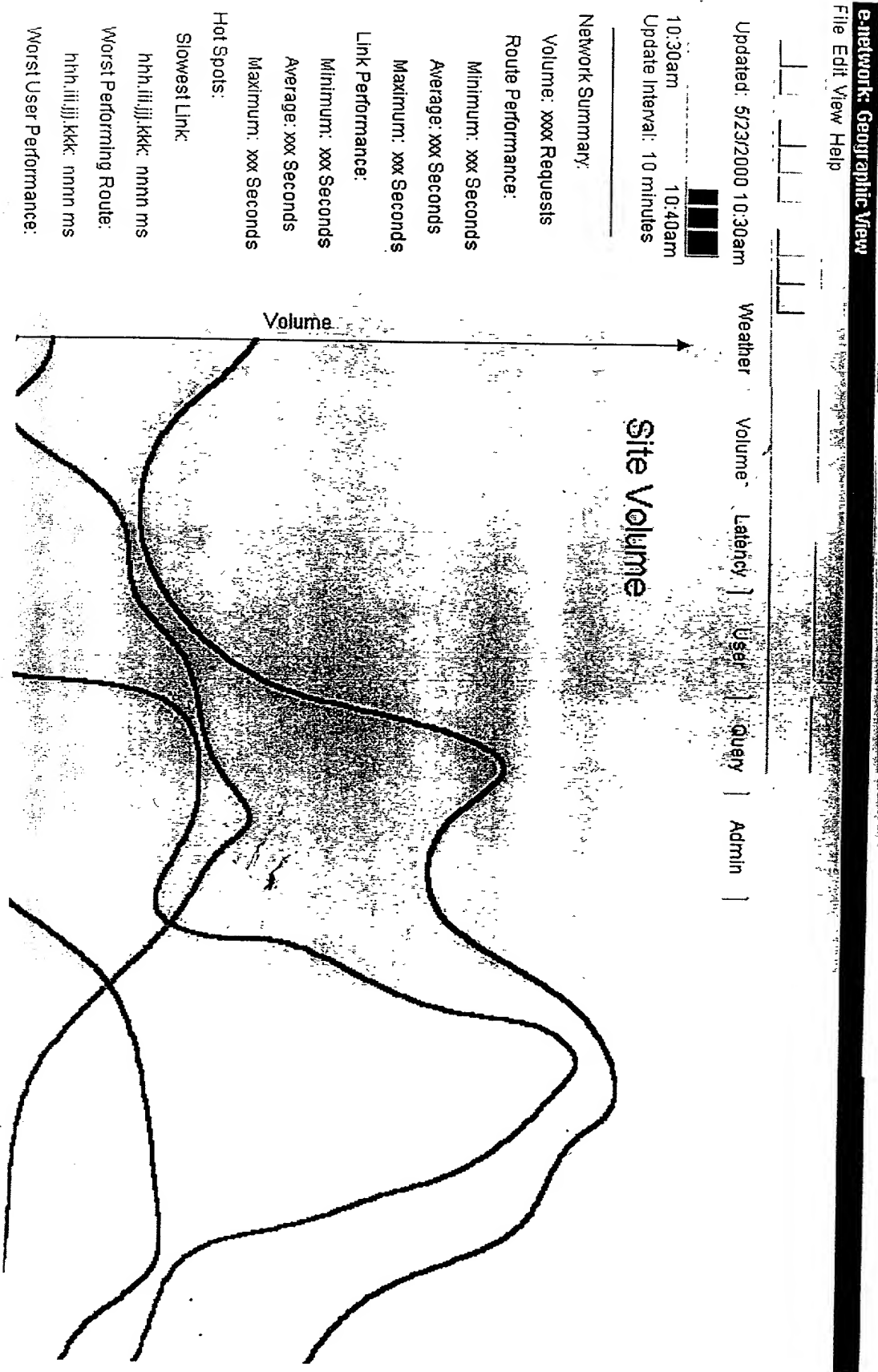
12PM

6PM

12

METHOD OF BACKTRACING NETWORK PERFORMANCE

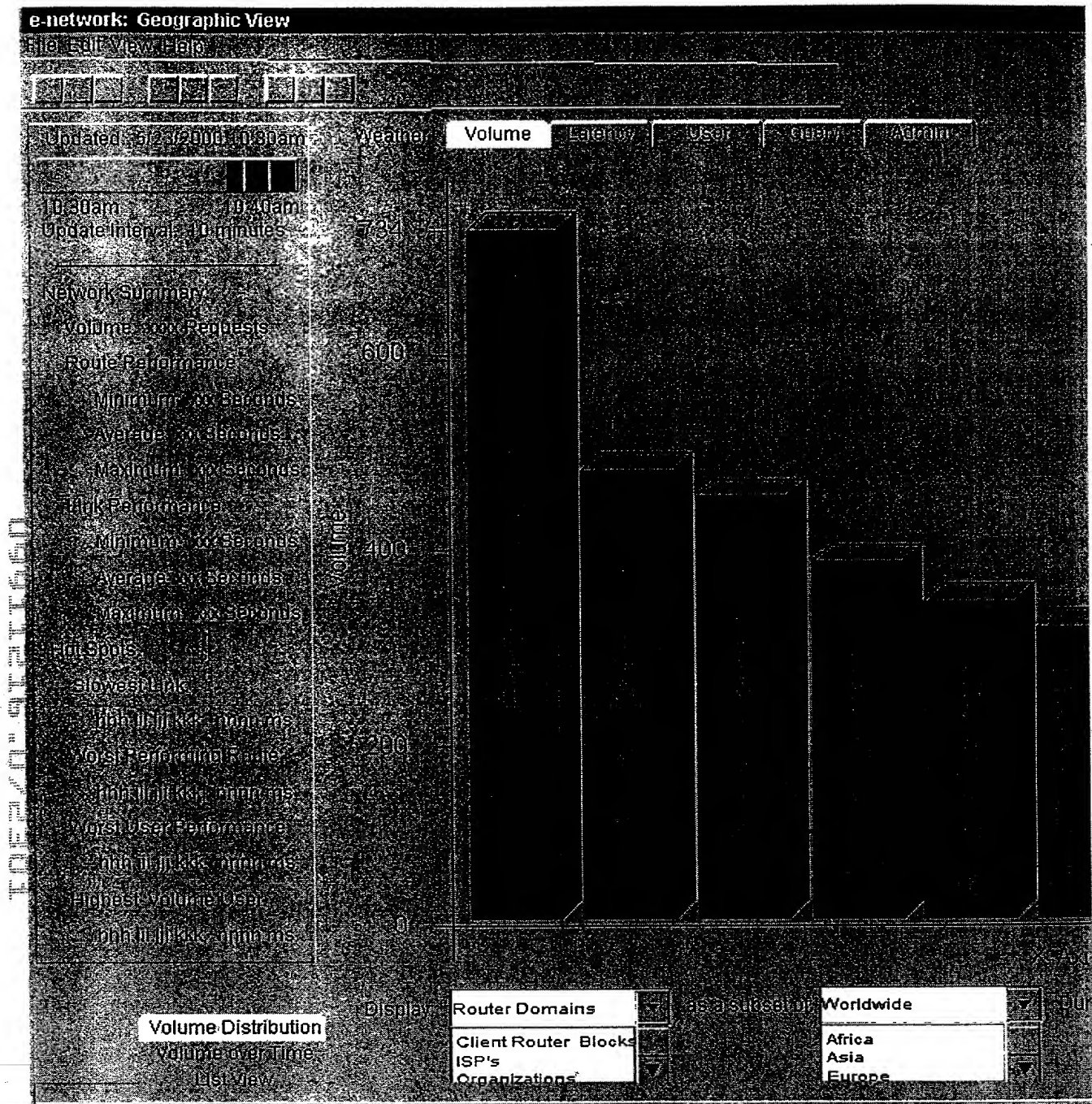
Fig 8



09911215.072301



## METHOD OF BACKTRACING NETWORK PERFORMANCE



The Volume Distribution View

Fig 9

Fig 10

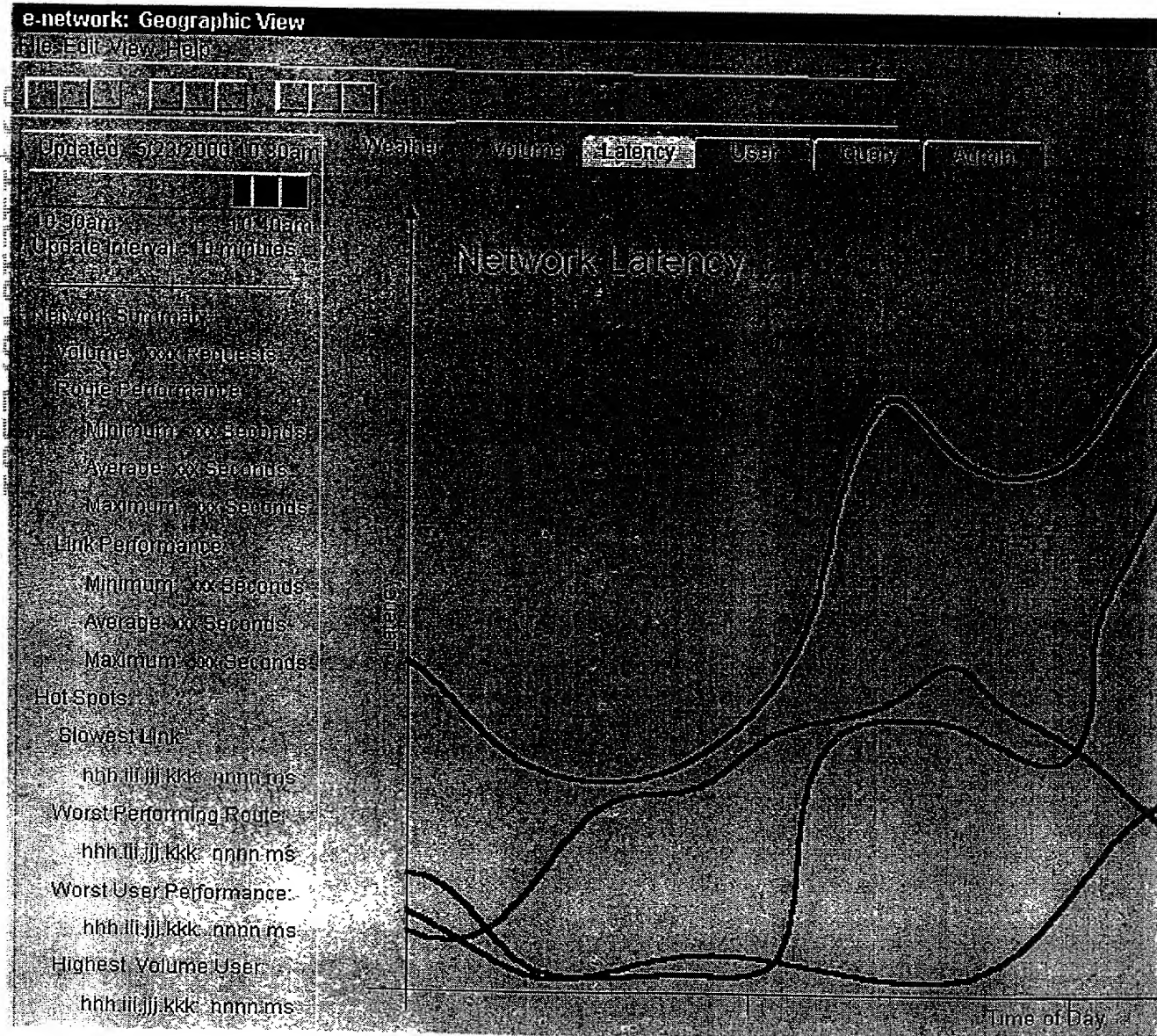


Fig 11

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